

Amendments to the Claims

1. (currently amended): A process for preparing propylene polymer compositions in an at least two-stage process, wherein,
in a first polymerization stage, a propylene homopolymer or a propylene copolymer comprising propylene and at least a C₂-C₁₀-1-alkenes other than propylene, containing at least 85% by weight of propylene, is prepared by polymerization and,
in a second polymerization stage, ethylene and at least a comonomer selected from propylene and C₄-C₁₀-1-alkenes are polymerized to give an ethylene polymer comprising at least 90% by weight of ethylene,
wherein the amount of the ethylene polymer in the propylene polymer composition ranges from 10 to 50% by weight and the propylene polymer composition has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, ~~of~~from 2 to 50 g/10 min.
2. (currently amended): The process as claimed in claim 1, wherein the propylene homopolymer or propylene copolymer prepared in the first polymerization stage has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, ~~of~~from 5 to 150 g/10 min.
3. (currently amended): The process as claimed in claim 1 ~~or 2~~, wherein a propylene homopolymer is produced in the first polymerization stage and a copolymer of ethylene with propylene is produced in the second polymerization stage.
4. (currently amended): The process as claimed in claim 1, ~~any one of claims 1 to 3~~, wherein both the first and the second polymerization stages are carried out in gas phase.
5. (currently amended): The process as claimed in claim 4, wherein in the first polymerization stage the polymerization is carried out at a pressure ~~of~~from 10 to 50 bar and a temperature ~~of~~from 50 to 100°C, in the presence of a polymerization-active catalyst system; the polymer obtained in the first polymerization stage together with the catalyst is introduced into an intermediate vessel, depressurized to less than 5 bar for from 0.01 to 5 minutes and the

pressure in the intermediate vessel is then increased from 5 to 60 bar by injection of a gas mixture whose composition differs from the composition of the gas mixture of the first polymerization stage; the polymer together with the catalyst is subsequently transferred to the second polymerization stage and further polymerized at a pressure ~~of~~ from 10 to 50 bar and a temperature ~~of~~ from 50 to 100°C.

6. (currently amended): The process as claimed in claim 1, ~~any one of claims 1 to 5~~, wherein the ethylene polymer formed in the second polymerization stage is produced without any propylene being introduced into the reactor or reactors of this polymerization stage or into any intermediate vessel used.
7. (currently amended): The process as claimed in claim 1, ~~any of claims 1 to 6~~, wherein the second polymerization stage is followed by a further stage in which an ethylene-C₃-C₁₀-1-alkene copolymer having a crystallinity lower than that of the ethylene polymer formed in the second stage is polymerized.
8. (currently amended): A process for preparing polymer compositions, comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,
in a first polymerization stage, a propylene homopolymer or a propylene copolymer comprising propylene and at least a C₂-C₁₀-1-alkenes other than propylene, containing at least 85% by weight of propylene, is prepared by polymerization and,
in a second polymerization stage, ethylene and at least a comonomer selected from propylene and C₄-C₁₀-1-alkenes are polymerized to give an ethylene polymer comprising at least 90% by weight of ethylene,
wherein the amount of the ethylene polymer in the propylene polymer composition ranges from 10 to 50% by weight and the propylene polymer composition has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, from 2 to 50 g/10 min;
~~by a process as claimed in any one of claims 1 to 6,~~ and (2) subsequently mixing an
ethylene-C₃-C₁₀-1-alkene copolymer having a crystallinity lower than that of the ethylene polymer formed in the second polymerization stage.

9. (currently amended): The process as claimed in claim 7-~~or 8~~, wherein the polymer prepared in the first polymerization stage is a propylene copolymer.
10. (currently amended): A propylene polymer composition obtained by an at least two-stage process, wherein,
in a first polymerization stage, a propylene homopolymer or a propylene copolymer comprising propylene and at least a C₂-C₁₀-1-alkenes other than propylene, containing at least 85% by weight of propylene, is prepared by polymerization and,
in a second polymerization stage, ethylene and at least a comonomer selected from propylene and C₄-C₁₀-1-alkenes are polymerized to give an ethylene polymer comprising at least 90% by weight of ethylene,
wherein the amount of the ethylene polymer in the propylene polymer composition ranges from 10 to 50% by weight and the propylene polymer composition has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, ~~of~~ from 2 to 50 g/10 min.

~~obtainable by a process as claimed in any of claims 1 to 9.~~

11. (currently amended): A method for producing films, fibers or moldings comprising utilizing a propylene polymer composition obtained by an at least two-stage process, wherein,
in a first polymerization stage, a propylene homopolymer or a propylene copolymer comprising propylene and at least a C₂-C₁₀-1-alkenes other than propylene, containing at least 85% by weight of propylene, is prepared by polymerization and,
in a second polymerization stage, ethylene and at least a comonomer selected from propylene and C₄-C₁₀-1-alkenes are polymerized to give an ethylene polymer comprising at least 90% by weight of ethylene,
wherein the amount of the ethylene polymer in the propylene polymer composition ranges from 10 to 50% by weight and the propylene polymer composition has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, from 2 to 50 g/10 min.

~~Use of a propylene polymer composition as claimed in claim 10 for producing films, fibers or moldings.~~

12. (original): A film, fiber or molding comprising a propylene polymer composition as claimed in claim 10.
13. (new): The process as claimed in claim 8, wherein the polymer prepared in the first polymerization stage is a propylene copolymer.
14. (new): A propylene polymer composition obtained by a process comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,
in a first polymerization stage, a propylene homopolymer or a propylene copolymer comprising propylene and at least a C₂-C₁₀-1-alkenes other than propylene, containing at least 85% by weight of propylene, is prepared by polymerization and,
in a second polymerization stage, ethylene and at least a comonomer selected from propylene and C₄-C₁₀-1-alkenes are polymerized to give an ethylene polymer comprising at least 90% by weight of ethylene,
wherein the amount of the ethylene polymer in the propylene polymer composition ranges from 10 to 50% by weight and the propylene polymer composition has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, from 2 to 50 g/10 min;
and (2) subsequently mixing an ethylene-C₃-C₁₀-1-alkene copolymer having a crystallinity lower than that of the ethylene polymer formed in the second polymerization stage.
15. (new): A film, fiber or molding comprising a propylene polymer composition obtained by a process comprising (1) preparing a propylene polymer composition in an at least two-stage process, wherein,
in a first polymerization stage, a propylene homopolymer or a propylene copolymer comprising propylene and at least a C₂-C₁₀-1-alkenes other than propylene, containing at least 85% by weight of propylene, is prepared by polymerization and,

in a second polymerization stage, ethylene and at least a comonomer selected from propylene and C₄-C₁₀-1-alkenes are polymerized to give an ethylene polymer comprising at least 90% by weight of ethylene,

wherein the amount of the ethylene polymer in the propylene polymer composition ranges from 10 to 50% by weight and the propylene polymer composition has a melt flow rate, MFR, in accordance with ISO 1133 at 230°C and 2.16 kg, from 2 to 50 g/10 min;

and (2) subsequently mixing an ethylene-C₃-C₁₀-1-alkene copolymer having a crystallinity lower than that of the ethylene polymer formed in the second polymerization stage.